

F-16C Multi-Task Trainer (MTT)



Cockpit:

- Simulates F-16C BLK 30/32 SCU-3
- Simulator developed to address unit-level and forward deployed training
- Multi-task Trainer sim-certified and fielded 1993
- First low-cost reproduction of F-16 OFT/WST at one-tenth cost
- Concurrency and high fidelity via converted Operational Flight Programs
- Correlated sensor systems with full 360° visual
- Team training via local and long-haul networking

Hardware:

Onyx 2 Infinite Reality
Silicon Graphics, Inc.
Mountain View, CA

Visual Display:

- Mobile Modular Display for Advanced Research and Training (M2DART)
- Transportable: modular sub-assemblies enhance mobility and ease of assembly
- Utilizes Barcographics 808 commercial off-the-shelf (COTS) projectors
- Full 360° “wrap-around” imagery
- Separate off-axis rear projected HUD display. Low cost, high resolution, single channel, monochrome projector designed and fabricated at the Air Force Research Laboratory, Mesa, AZ, by the Warfighter Training Research Team

Image Generation:

C-Nova with C-Radiant
Aechelon Technology
Sunnyvale, CA